

Kindergarten

Math Facts/Fact Fluency

K.OA.5. Fluently add and subtract within 5.

Rationale: Students will demonstrate a solid understanding of number concepts rather than simply memorizing facts. They will work with numbers with increasing difficulty. Students will utilize addition and subtraction in tandem to gain a concrete understanding of their relationship. Students will be asked to find sums, differences, missing addends, and indicate the correct operation at each level. The goal is to get students to think about their number concepts as fluently as they read!

Ways to build fluency at home:

-Use flash cards and cover the operation. Sort into plus and minus.

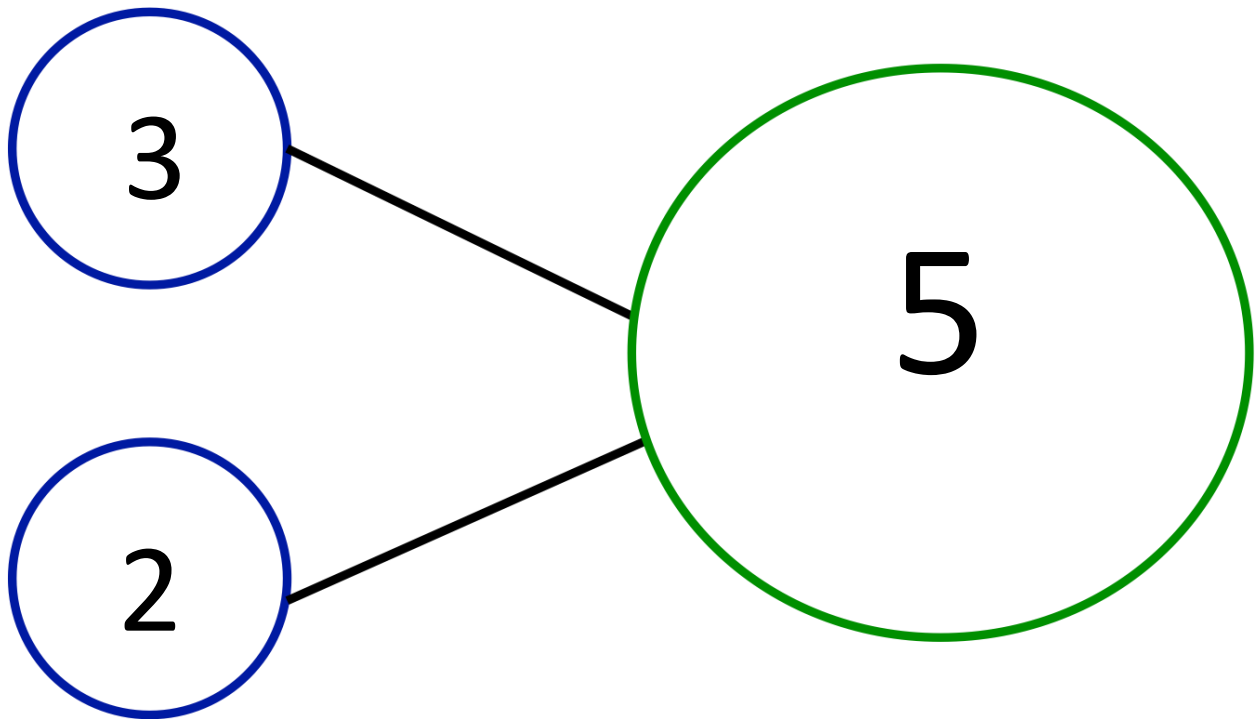
$$2 \square 2 = 0$$

-Try the website

<http://www.fuelthebrain.com/games/number-flash/> You can set a level for your child. The computer will gradually flash

problems for students as they get quicker answering each one.

-Use number bonds to break apart numbers



-When working with number sentences, set up missing addend problems or change the order of the problem.

- 4 = 1 (missing addend) = 5 - 4 (change of traditional order)

-Use five frames and have students create problems to match the five frame.



The above five frame could show $2+3=5$ or $3+2=5$ or $5-3=2$ or $5-2=3$